

Title (en)

Process for the production of polyolefins

Title (de)

Verfahren zur Herstellung von Polyolefinen

Title (fr)

Procédé de préparation de polyoléfines

Publication

**EP 0661300 B1 19980318 (DE)**

Application

**EP 94120163 A 19941220**

Priority

- DE 4343566 A 19931221
- DE 4432617 A 19940914
- DE 4436106 A 19941010

Abstract (en)

[origin: EP0661300A1] The present invention relates to a process for the preparation of a polyolefin by polymerisation of at least one olefin in the presence of a stereorigid metallocene compound containing, as ligands, at least two substituted or unsubstituted cyclopentadienyl groups bonded to one another via a monocyclic or polycyclic ring system, where at least one cyclopentadienyl group is fused to the monocyclic or polycyclic ring system.

IPC 1-7

**C08F 10/00; C08F 4/602**

IPC 8 full level

**C07F 17/00** (2006.01); **C08F 4/60** (2006.01); **C08F 4/602** (2006.01); **C08F 4/642** (2006.01); **C08F 4/6592** (2006.01); **C08F 4/76** (2006.01); **C08F 10/00** (2006.01); **C08F 210/18** (2006.01); **C08F 4/619** (2006.01); **C08F 4/6192** (2006.01); **C08F 4/659** (2006.01); **C08F 110/02** (2006.01); **C08F 110/06** (2006.01); **C08F 210/16** (2006.01)

CPC (source: EP KR US)

**C07F 17/00** (2013.01 - EP US); **C08F 4/658** (2013.01 - KR); **C08F 10/00** (2013.01 - EP US); **C08F 210/18** (2013.01 - EP US); **C08F 4/61912** (2013.01 - EP US); **C08F 4/61916** (2013.01 - EP US); **C08F 4/61927** (2013.01 - EP US); **C08F 4/65912** (2013.01 - EP US); **C08F 4/65927** (2013.01 - EP US); **C08F 110/02** (2013.01 - EP US); **C08F 110/06** (2013.01 - EP US); **C08F 210/16** (2013.01 - EP US); **C08F 2420/09** (2021.01 - EP); **Y10S 526/943** (2013.01 - EP US)

Citation (examination)

- EP 0650981 A1 19950503 - BASF AG [DE]
- EP 0721954 A1 19960717 - IDEMITSU KOSAN CO [JP]

Cited by

EP0749988A3; EP1211264A4; EP0837068A3; EP0816371A1; EP0776913A3; EP1270614A3; EP0749985A3; US6063949A; US9090761B2; US7202190B1; US6953829B2; WO2009072505A1; WO2005073242A1; US7223878B2; US8481658B2; WO2011072851A1; US8859451B2; WO2012109246A1; US8252875B2; US6861384B2; US7034173B2; US8409480B2; WO2013049786A1; US7453005B2; US7101940B2; EP2236577A2; US8293855B2; WO2021110769A1; EP2746320A1; US8846188B2; WO2015055392A1; US7767613B2; US7928051B2; EP2322565A2; US8008403B2; WO2011134897A2; US8222356B2; US8563674B2; WO2021110762A1; US11999839B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

**EP 0661300 A1 19950705; EP 0661300 B1 19980318**; AT E164168 T1 19980415; AU 689512 B2 19980402; AU 8165594 A 19950629; BR 9405207 A 19950801; CA 2138721 A1 19950622; CN 1108666 A 19950920; CZ 325094 A3 19960515; DE 59405475 D1 19980423; DK 0661300 T3 19990111; ES 2115146 T3 19980616; FI 945958 A0 19941219; FI 945958 A 19950622; HU 218113 B 20000628; HU T70865 A 19951128; JP 3493386 B2 20040203; JP H07286006 A 19951031; KR 100359390 B1 20030129; KR 950018067 A 19950722; MX 9500224 A 19970531; NO 308135 B1 20000731; NO 944950 D0 19941220; NO 944950 L 19950622; US 5565534 A 19961015

DOCDB simple family (application)

**EP 94120163 A 19941220**; AT 94120163 T 19941220; AU 8165594 A 19941221; BR 9405207 A 19941221; CA 2138721 A 19941221; CN 94120705 A 19941221; CZ 325094 A 19941220; DE 59405475 T 19941220; DK 94120163 T 19941220; ES 94120163 T 19941220; FI 945958 A 19941219; HU 9403704 A 19941221; JP 34078594 A 19941221; KR 19940036507 A 19941221; MX 9500224 A 19950102; NO 944950 A 19941220; US 36060994 A 19941221